Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

- 1. (Withdrawn) A method for modulating the plasma circulation half-life of an active agent, said method comprising:
- (a) providing a liposome having free active agent and precipitated active agent encapsulated therein; and
 - (b) varying the amount of said active agent that is precipitated in said liposome.
- 2. (Withdrawn) The method of claim 1, wherein step (b) comprises varying said active agent to lipid ratio.
- 3. (Withdrawn) The method of claim 2, wherein said active agent to lipid ratio is varied by the addition of an empty liposome.
- 4. (Withdrawn) The method of claim 1, wherein step (b) comprises varying the size of said liposome.
- 5. (Withdrawn) The method of claim 1, wherein step (b) comprises adding a component that enhances precipitation of said active agent.
- 6. (Withdrawn) The method of claim 5, wherein said component is a mono-, di-, tri-, or polyvalent anion.
- 7. (Withdrawn) The method of claim 1, wherein step (b) comprises varying both said active agent to lipid ratio and the size of the liposome.

- 8. (Withdrawn) The method of claim 1, wherein said active agent is an antineoplastic drug.
- 9. (Withdrawn) The method of claim 8, wherein said antineoplastic drug is a camptothecin.
- 10. (Withdrawn) The method of claim 9, wherein said camptothecin is a member selected from the group consisting of irinotecan, topotecan, 9-amino camptothecin, 10,11-methylenedioxy camptothecin, 9-nitro camptothecin, TAS 103, 7-(4-methyl-piperazino-methylene)-10, 11-ethylenedioxy-20(S)-camptothecin and 7-(2-N-isopropylamino)ethyl)-20(S)-camptothecin.
- 11. (Withdrawn) The method of claim 10, wherein said camptothecin is topotecan.
- 12. (Withdrawn) The method of claim 1, wherein said active antincoplastic drug is a vinca alkaloid.
- 13. (Withdrawn) The method of claim 12, wherein said vinca alkaloid is a member selected from the group consisting of vincristine, vinblastine, vinorelbine and vindesine.
- 14. (Withdrawn) The method of claim 1, wherein the precipitated active agent encapsulated in said liposome is at least 50% of said total active agent.
- 15. (Withdrawn) The method of claim 14, wherein the precipitated active agent encapsulated in said liposome is at least 60% of said total active agent.
- 16. (Withdrawn) The method of claim 15, wherein the precipitated active agent encapsulated in said liposome is at least 70% of said total active agent.

- 17. (Withdrawn) The method of claim 1, wherein said liposome comprises sphingomyelin and cholesterol.
- 18. (Withdrawn) The method of claim 17, wherein said liposome comprises sphingomyelin and cholesterol in a 55:45 ratio.
- 19. (Withdrawn) The method of claim 1, wherein the plasma circulation halflife of said active agent is modulated for optimum efficacy.
- 20. (Withdrawn) The method of claim 1, wherein the ratio of said active agent to lipid is about 0.005-1:1 (w/w).
- 21. (Withdrawn) The method of claim 20, wherein the ratio of said active agent to lipid is about 0.05-0.9:1 (w/w).
- 22. (Withdrawn) The method of claim 21, wherein the ratio of said active agent to lipid is about 0.1-0.5:1 (w/w).
- 23. (Withdrawn) A method for modulating the plasma circulation half-life of an active agent, said method comprising:
- (a) providing a liposome having free active agent and precipitated active agent encapsulated therein; and
 - (b) adding a liposome with no encapsulated active agent.
- 24. (Withdrawn) The method of claim 23, wherein the ratio of liposomes containing active agent to liposomes with no encapsulated agent is from about 1:0.5 to 1:1000.
- 25. (Withdrawn) The method of claim 24, wherein the ratio of liposomes containing active agent to liposomes with no encapsulated agent is from about 1:1 to 1:100.

- 26. (Withdrawn) The method of claim 25, wherein the ratio of liposomes containing active agent to liposomes with no encapsulated agent is from about 1:2 to 1:10.
- 27. (Withdrawn) The method of claim 26, wherein the ratio of liposomes containing active agent to liposomes with no encapsulated agent is from about 1:3 to 1:5.
- 28. (Withdrawn) The method of claim 23, wherein said active agent is an antineoplastic drug.
- 29. (Withdrawn) The method of claim 28, wherein said antineoplastic drug is a camptothecin.
- 30. (Withdrawn) The method of claim 29, wherein said camptothecin is a member selected from the group consisting of irinotecan, topotecan, 9-amino camptothecin, 10,11-methylenedioxy camptothecin, 9-nitro camptothecin, TAS 103, 7-(4-methyl-piperazino-methylene)-10, 11-ethylenedioxy-20(S)-camptothecin and 7-(2-N-isopropylamino)ethyl)-20(S)-camptothecin.
- 31. (Withdrawn) The method of claim 30, wherein said camptothecin is topotecan.
- 32. (Previously Presented) A liposomal formulation, said liposomal formulation comprising:
 - a) an antineoplastic drug; and
- b) a liposome having free antineoplastic drug and precipitated antineoplastic drug, wherein the precipitated antineoplastic drug in said liposome is at least 50% of the total antineoplastic drug, wherein said liposome comprises sphingomyelin and cholesterol, and wherein said antineoplastic drug is a camptothecin.

33. (Canceled)

- 34. (Previously Presented) The liposomal formulation of claim 32, wherein said camptothecin is a member selected from the group consisting of irinotecan, topotecan, 9-amino camptothecin, 10,11-methylenedioxy camptothecin, 9-nitro camptothecin, TAS 103, 7-(4-methyl-piperazino-methylene)-10, 11-ethylenedioxy-20(S)-camptothecin and 7-(2-N-isopropylamino)ethyl)-20(S)-camptothecin.
- 35. (Original) The liposomal formulation of claim 34, wherein said camptothecin is topotecan.
- 36. (Currently Amended) A liposomal formulation, said liposomal formulation comprising:
 - a) an antineoplastic drug; and
- b) a liposome having free antineoplastic drug and precipitated antineoplastic drug, wherein the precipitated antineoplastic drug in said liposome is at least 50% of the total antineoplastic drug, wherein said liposome comprises sphingomyelin and cholesterol at a ratio in the range of about 75/25 mol%/mol% sphingomyelin/cholesterol to about 35/50 mol%/mol% sphingomyelin/cholesterol, and wherein said antineoplastic drug is a vinca alkaloid.

37. (Canceled)

- 38. (Original) The liposomal formulation of claim 36, wherein said vinca alkaloid is a member selected from the group consisting of vincristine, vinblastine, vinorelbine and vindesine.
- 39. (Original) The liposomal formulation of claim 32 wherein the ratio of said antineoplastic drug to lipid is about 0.005-1:1 (w/w).
- 40. (Original) The liposomal formulation of claim 39, wherein the ratio of said antineoplastic drug; said lipid is about 0.05-0.9:1 (w/w).

- 41. (Original) The liposomal formulation of claim 40, wherein the ratio of said antineoplastic drug: said lipid is about 0.1-0.5:1 (w/w).
 - 42. (Canceled)
- 43. (Previously Presented) The liposomal formulation of claim 32 or 36, wherein said liposome comprises sphingomyelin and cholesterol in a 55:45 molar ratio.
- 44. (Withdrawn) The liposomal formulation of claim 32, further comprising a liposome with no encapsulated active agent.
- 45. (Withdrawn) The liposomal formulation of claim 44, wherein the ratio of liposomes containing active agent to liposomes with no encapsulated agent is from about 1:0.5 to 1:1000.
- 46. (Withdrawn) The liposomal formulation of claim 45, wherein the ratio of liposomes containing active agent to liposomes with no encapsulated agent is from about 1:1 to 1:100.
- 47. (Withdrawn) The liposomal formulation of claim 46, wherein the ratio of liposomes containing active agent to liposomes with no encapsulated agent is from about 1:2 to 1:10.
- 48. (Withdrawn) The liposomal formulation of claim 47, wherein the ratio of liposomes containing active agent to liposomes with no encapsulated agent is from about 1:3 to 1:5.
- 49. (Withdrawn) A liposomal formulation, said liposomal formulation comprising:
 - a) an active agent:

- b) a liposome having free active agent and precipitated active agent encapsulated therein; and
 - c) an empty liposome.
- 50. (Withdrawn) The liposomal formulation of claim 49, wherein the ratio of liposomes containing said active agent to said empty liposomes is from about 1:0.5 to 1:1000.
- 51. (Withdrawn) The liposomal formulation of claim 50, wherein the ratio of liposomes containing said active agent to said empty liposomes is from about 1:1 to 1:100.
- 52. (Withdrawn) The liposomal formulation of claim 51, wherein the ratio of liposomes containing said active agent to said empty liposomes is from about 1:2 to 1:10.
- 53. (Withdrawn) The liposomal formulation of claim 52, wherein the ratio of liposomes containing said active agent to said empty liposomes is from about 1:3 to 1:5.
- 54. (Withdrawn) The liposomal formulation of claim 49, wherein said active agent is an antineoplastic drug.
- 55. (Withdrawn) The liposomal formulation of claim 54, wherein said antineoplastic drug is a camptothecin.
- 56. (Withdrawn) The liposomal formulation of claim 55, wherein said camptothecin is a member selected from the group consisting of irinotecan, topotecan, 9-amino camptothecin, 10,11-methylenedioxy camptothecin, 9-nitro camptothecin, TAS 103, 7-(4-methyl-piperazino-methylene)-10, 11-ethylenedioxy-20(S)-camptothecin and 7-(2-N-isopropylamino)ethyl)-20(S)-camptothecin.
- 57. (Withdrawn) The liposomal formulation of claim 56, wherein said camptothecin is topotecan.

- 58. (Withdrawn) The liposomal formulation of claim 57, wherein said antineoplastic drug is a vinca alkaloid.
- 59. (Withdrawn) The liposomal formulation of claim 58, wherein said vinca alkaloid is a member selected from the group consisting of vincristine, vinblastine, vinorelbine and vindesine.
- 60. (Withdrawn) The liposomal formulation of claim 49, wherein the ratio of said active agent to lipid is about 0.005-1:1 (w/w).
- 61. (Withdrawn) The liposomal formulation of claim 60, wherein the ratio of said active agent to lipid is about 0.05-0.9:1 (w/w).
- 62. (Withdrawn) The liposomal formulation of claim 61, wherein the ratio of said active agent to lipid is about 0.1-0.5:1 (w/w).
- 63. (Withdrawn) The liposomal formulation of claim 49, wherein said liposome comprises sphingomyelin and cholesterol.
- 64. (Previously Presented) The liposomal formulation of claim 36, wherein the ratio of said antineoplastic drug to lipid is about 0.005-1:1 (w/w).
- 65. (Previously Presented) The liposomal formulation of claim 64, wherein the ratio of said antineoplastic drug to said lipid is about 0.05-0.9:1 (w/w).
- 66. (Previously Presented) The liposomal formulation of claim 65, wherein the ratio of said antineoplastic drug to said lipid is about 0.1-0.5:1 (w/w).
- 67. (Previously Presented) The liposomal formulation of claim 32 or 36, wherein said liposome comprises sphingomyelin and cholesterol in a 50:50 molar ratio.